2018 NINR Boot Camp
Precision Health: Smart Technologies, Smart Health

Monday, July 23, 2018
Unboxing Digital Health

Time:	Topics:	Presenter:
8:00–8:30 am	Meet, Greet, Coffee in Porter Neuroscience, Building 35A room 620/640	
8:30–8:45 am	Welcome & Program Overview	Pamela Tamez, PhD Acting Training Director & Deputy Training Director, National Institute of Nursing Research
8:45 – 9:30 am	Precision Health and NINR-Supported Nursing Science	Patricia Grady, PhD, RN, FAAN Director, National Institute of Nursing Research
9:30–10:00 am	BREAK	Group picture with NINR Director Dr. Patricia Grady
10:00-10:30am	Introduction to the NINR Division of Extramural Science Programs	Marguerite Kearney, PhD, RN Director, Division of Extramural Science Programs, NINR
10:30-11:00 am	Introduction to the NINR Division of Intramural Research	Ann Cashion, PhD, RN Acting Deputy Director & Scientific Director, NINR
11:00-12:30 pm	LUNCH	Program moves to NIH Clinical Center, Building 10.
11:45-12:15 pm	Posters in NIH Clinical Center, Building 10, FAES Terrace	
12:30 pm	Mini-symposium begins in NIH Clinical Center, Building 10, Lipsett Auditorium	
12:30–12:35pm	Opening remarks	Ann Cashion, PhD, RN Acting Deputy Director & Scientific Director, NINR
12:35- 1:35 pm	PTSD Nurses Toolkit for the military community's mental health needs	Nancy P. Hanrahan, PhD, RN, FAAN Dean & Professor, School of Nursing; Senior Associate Dean of Innovation & Entrepreneurship, Bouve College of Health Sciences School of Nursing
1:35 –1:45 pm	BREAK	
1:45 – 2:45 pm	Tools to facilitate cancer patient-provider discussions of symptom and quality of life issues	Donna Berry, PhD, RN, AOCN, FAAN Associate Professor, Medicine, Harvard Medical School; Director, Phyllis F. Cantor Center for Research in Nursing & Patient Care Services, Dana-Farber Cancer Institute
2:45 – 3:45 pm	Self-monitoring of diet and exercise in behavioral weight loss interventions	Lora Burke, PhD, MPH, RN, SBM, FAHA, FAAN Professor, Epidemiology Health & Community Systems University of Pittsburgh School of Nursing
3:45 – 5:00 pm	Poster session at FAES Terrace	

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Tuesday July 24, 2018
Connecting Health through Wearables and Sensors

Time:	Topics:	Presenter:
8:00 – 8:30 am	Coffee & Networking in Porter Neuroscience, Building 35A room 620/640	
8:30–9:30 am	'Smart home' tools for patients with chronic conditions	Roschelle Fritz, PhD, RN Assistant Professor, Washington State University College of Nursing – Vancouver
9:30 –10:30 am	Stress Monitoring with Smartwatches	Xinxin Zhu, MD, PhD Research Scientist, IBM T. J. Watson Research Center
10:30 – 10:45 am	BREAK	
10:45-11:45 am	Accelerometry in muscular dystrophy	Roxanna Bendixen, PhD, OTR/L, Director and Assistant Professor, Master of Science in Occupational Therapy Program, University of Pittsburgh
11:45 – 12:45 pm	Virtual reality and its use in the clinical setting	Susan Perksy, PhD, Associate Investigator, Social and Behavioral Research Branch; Head, Immersive Virtual Environment Test Unit, NHGRI
12:45-1:45 pm	LUNCH	
1:45 – 3:15 pm	Breakout Session 1: 1. VR demo 2. Clinical Center tour 3. Sensor data analysis	1. Dr. Susan Persky 2. TBD 3. Dr. Shelly Fritz
3:15 – 3:30 pm	BREAK	
3:30 – 5:00 pm	Breakout Session 2: 1. VR demo 2. Sensor data analysis	1. Dr. Susan Persky 2. Dr. Shelly Fritz

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Wednesday July 25, 2018
Innovating Health through Omics

Time:	Topics:	Presenter:
8:00 – 8:30 am	Coffee & Networking in Porter Neuroscience, Building 35A room 620/640	
8:30–9:30 am	Perspectives in phenotyping across national networks	Abel Kho, MD, Associate Professor; Director, Institute for Public Health and Medicine, Northwestern University
9:30 –10:30 am	Genomics of microbial communities inhabiting the human body	Jacques Ravel, PhD, Professor and Associate Director, Institute for Genome Sciences, University of Maryland School of Medicine
10:30 – 10:45	BREAK	
10:45-11:45 am	Omics Associated with self-management interventions for symptoms	Susan Dorsey, PhD, RN, FAAN, Professor and Chair, Department of Pain and Translational Symptom Science, University of Maryland School of Nursing
11:45 – 12:45	LUNCH	
12:45-1:45 pm	EMR-Linked biobank for translational genomics	Marc S. Williams, MD, Director, Genomic Medicine Institute, Geisinger
1:45 – 2:45 pm	Risks of identifiability in genomics research	Bradley A. Malin, PhD Professor; Vice Chair for Research Affairs in the Department of Biomedical Informatics, Vanderbilt University
2:45 - 3:00 pm	BREAK	
3:00 – 4:00 pm	A systems biology approach to biomarker discovery and validation	Allen Dale Everett, MD, Professor of Pediatrics, Johns Hopkins University
4:00 – 5:00 pm	The NIH All of Us program	• Dara Richardson Heron, MD, Chief Engagement Officer of the All of Us Research Program • Amanda Wilson, Head, National Network Coordinating Office, National Library of Medicine • Michelle Hamlet, PhD, Program Director, National Institute of Nursing Research • Elizabeth Cohn, PhD, RN, FAAN, Rudin Professor of Nursing, Hunter-Bellevue School of Nursing

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Thursday July 26, 2018
Sync or Swim: Accessing and Managing Data

Time:	Topics:	Presenter:
8:00 – 8:30 am	Coffee & Networking in Porter Neuroscience, Building 35A room 620/640	
8:30–9:30 am	Ethical and legal concerns of big data in healthcare	I. Glenn Cohen, JD Professor of Law; Faculty Director, Petrie-Flom Center for Health Law Policy, Biotechnology & Bioethics, Harvard University
9:30 –10:30 am	Distributive justice, diversity, and inclusion in precision medicine	Elizabeth Cohn, PhD, RN, FAAN, Rudin Professor of Nursing, Hunter-Bellevue School of Nursing
10:30 – 10:45	BREAK	
10:45–11:45 am	NIH Data Commons and the FAIR principles	Elizabeth Kittrie Strategic Advisor for Data and Open Science, National Library of Medicine
11:45 am-12:45 pm	Introduction to NHANES data	Tala Fakhouri, PhD, MPH Senior Epidemiologist, National Health and Nutrition Examination Survey (NHANES), Centers for Disease Control and Prevention
12:45 – 1:45 pm	LUNCH	
1:45 – 3:15 pm	Breakout Session 1: 1. Data Science: NHANES data 2. Introduction to Clinical Genomics	TBD
3:15 – 3:30 pm	BREAK	
3:30 – 5:00 pm	Breakout Session 2: 1. Data Science: NHANES data 2. Introduction to Clinical Genomics	TBD

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Friday July 27, 2018

Operationalizing Digital Health to Clinical Practice

Time:	Topics:	Presenter:
8:30 – 9:00 am	Hotel Check-out/Coffee/Networking in Porter Neuroscience, Building 35A room 620/640	
9:00 am – 12:00 pm		Roundtable discussion with NIH Program Officers
12:00 – 12:15 pm	Closing Remarks	